

Claims translation

1. Connecting device (1) between a contact element (4) and strands (6) of wire (3), the strands of wire being realized in a material with a dilation coefficient different from a dilation coefficient of the contact element, characterized in that it comprises an intermediate tube (9) cooperating respectively with the contact element and the strands, this tube having a rigidity similar to that of the contact element, and having a dilation coefficient similar to that of the strands.
2. Device according to claim 1 characterized in that a first end (11, 13, 14) of the intermediate tube is crimped around the strands of the wire, and around a shaft (8) of this wire.
3. Device according to claims 1 through 2 characterized in that the contact element is fixed in force at a second end (17, 19) of the tube.
4. Device according to claims 1 through 3 characterized in that the contact element is comprised of copper.
5. Device according to claims 1 through 4 characterized in that the strands are comprised of aluminum.
6. Device according to claims 1 through 5 characterized in that the tube is comprised of aluminum.
7. Device according to claims 1 through 6 characterized in that the intermediate tube is internally covered with a ductile and conductive material, for example gold, silver or tin.